

Curriculum Vitae

DIPL.-INF. (BIOINF.) NILS GEHLENBORG

1441 N 34th Street
Seattle, WA 98103
U.S.A.

+1 206-407-9614 (cell)
+1 206-732-1484 (work)
nils@gehlenborg.com

EDUCATION

- University of Tuebingen, Tuebingen, Germany** (10/2000 - 3/2006)
Student of Bioinformatics, Department of Information and Cognitive Sciences
Diplom-Informatiker (Bioinformatik) (German equivalent to a Master's degree)
- University of Washington, Seattle, WA, USA** (9/2003 - 6/2004)
Visiting Graduate Student, Department of Computer Science and Engineering
- Salier-Gymnasium, Waiblingen, Germany** (9/1990 - 6/1999)
High School Student

RESEARCH EXPERIENCE

- Institute for Systems Biology, Seattle, WA, USA** (6/2006 - date)
Software Developer, Aebersold Laboratory, advised by Ruedi Aebersold and Bruno Domon (ETH Zuerich)
- Institute for Systems Biology, Seattle, WA, USA** (9/2005 - 5/2006)
Intern, Hood Laboratory, advised by Daehee Hwang and Leroy Hood
- University of Tuebingen, Tuebingen, Germany** (10/2004 - 9/2005)
Research Assistant, Center for Bioinformatics, advised by Kay Nieselt
- Institute for Systems Biology, Seattle, WA, USA** (7/2004 - 9/2004)
Intern, Hood Laboratory, advised by Daehee Hwang
- University of Washington, Seattle, WA, USA** (1/2004 - 6/2004)
Independent Researcher, Department of Computer Science and Engineering, advised by Martin Tompa
- University of Tuebingen, Tuebingen, Germany** (9/2002 - 7/2003)
Research Assistant, Center for Bioinformatics, advised by Kay Nieselt

University of Tuebingen, Tuebingen, Germany (6/2001 - 12/2001)

Research Assistant, Chair for Computer Architecture, advised by Markus Schwehm

WORK EXPERIENCE

Agilent Technologies, Boeblingen, Germany (2/2001 - 3/2001)

R&D Intern, Patient Monitoring Division

Agilent Technologies, Boeblingen, Germany (7/2000 - 9/2000)

R&D Intern, Patient Monitoring Division

City Hospital of Waiblingen, Waiblingen, Germany (8/1999 - 6/2000)

Nurse's Aide (civil service instead of mandatory military service)

Debis Systemhaus, Stuttgart, Germany (8/1998 - 3/1999)

Intern/Part-time Employee, Engineering Data Management Group

Bundesfachverband fuer Betriebliche Sozialarbeit e.V., Hannover, Germany (7/1998 - 12/2002)

Webmaster

TEACHING EXPERIENCE

University of Tuebingen, Tuebingen, Germany (4/2005 - 7/2005)

Teaching Assistant, Microarray Bioinformatics (graduate), taught by Kay Nieselt

University of Washington, Seattle, WA, USA (4/2004 - 6/2004)

Tutor, Concepts and Tools for Software Development (undergraduate), taught by Craig Chambers

University of Tuebingen, Tuebingen, Germany (4/2002 - 7/2002)

Teaching Assistant, Intro to Computer Science II (undergraduate), taught by Ruediger Loos

PUBLICATIONS, POSTERS & PRESENTATIONS

J. Dietzsch*, N. Gehlenborg* and K. Nieselt, "Mayday - A Microarray Data Analysis Workbench.", *Bioinformatics* **22**, 1010-1012 (2006). * equally contributing authors

N. Gehlenborg, J. Dietzsch and K. Nieselt, "A Framework for Visualization of Microarray Data and Integrated Meta Information", *Information Visualization* **4**, 164-175 (2005).

N. Gehlenborg, Visualization for DNA Chip Analyses (“Visualisierung fuer DNA-Chip-Analysen”), in D. Spath, K. Haasis and D. Klumpp (Eds.), *Current Trends in Software Research* (Vol. 3) (“Aktuelle Trends in der Softwareforschung (Bd. 3)”), 259-270, IRB Fraunhofer Verlag, Stuttgart, Germany (2005). In German.

N. Gehlenborg, Visualization for DNA Chip Analyses (“Visualisierung fuer DNA-Chip-Analysen”), invited talk given at the *doIT Software-Forschungstag 2005*, Karlsruhe, Germany.

J. Dietzsch, **N. Gehlenborg** and K. Nieselt, “Mayday”, poster presented at the *German Conference on Bioinformatics 2003*, Munich, Germany.

M. Schwehm, **N. Gehlenborg**, H. Post, A. Stein and K. Weber, “Parallel Simulation Engines for Whole-Cell Models”, poster presented at the *2nd International Conference on Systems Biology 2001*, Pasadena, CA, USA.

HONORS

European Molecular Biology Laboratory (EMBL) PhD Fellowship (9/2006 - 3/2010)
Fellowship

German Academic Exchange Service (DAAD) Scholarship (10/2005 - 1/2006)
Scholarship

Karl-Steinbuch-Stipendium (10/2004 - 3/2005)
Scholarship

Agilent Technologies European “Chill-Out” Program (9/2000 - 7/2005, program discontinued)
Program

Prize for Excellent Work in Ethics in the Natural Sciences (6/1999)
Award

PROFESSIONAL MEMBERSHIPS & SERVICE

International Society for Computational Biology (since 1/2004)

- Conference Chair, 2nd ISCB Student Council Symposium (8/2006, Fortaleza, Brazil).
- Newsletter Editor, ISCB Student Council (since 11/2005).
- Member of the Marketing Committee, ISCB Student Council (since 9/2005).

German Informatics Society (since 9/2005)

IEEE (Student Member) (since 9/2005)

June 12, 2006